

a first target;
a first light source adapted to generate a first light signal;
a first camera aligned a remote distance from said first target, said first camera adapted to receive said first light signal;
a first dimming component adapted to engage a first dimming operation to dim said first light signal thereby generating a first lighting condition signal, said first dimming component further adapted to engage a second dimming operation to dim said first light signal thereby generating a second lighting condition signal; and
a monitor adapted to receive said first lighting condition signal and said second lighting condition signal, said monitor further adapted to consecutively display said first lighting condition signal and said second lighting condition signal substantially within at least one default image parameter.

[c8] The system of claim 7 further comprising a second target substantially aligned with said camera.

[c9] The system of claim 7 wherein said dimming component comprises a moveable glare shield.

[c10] The system of claim 7 wherein said dimming component comprises a dimming mechanism for said first light source.

[c11] The system of claim 7 further comprising a second light source adapted to generate a second light signal.

[c12] The system of claim 11 wherein said first dimming component is further adapted to engage a third dimming operation to dim said second light source.

[c13] The system of claim 7 wherein said remote distance between said first camera and said first target is further adapted such that said image displays on said monitor within a set of default image parameters.

[c14] The system of claim 7 wherein an observer analyzes said image of said first target from said first camera in relation to detectability parameters.

[c15] A method for testing cameras comprising:

positioning a first camera such that an image of a first target is displayed on a monitor substantially within at least one default image parameter;
varying a lighting condition receivable by said first camera, thereby generating a first set of lighting condition signals;
receiving said first set of lighting condition signals in said first camera;
displaying said first set of lighting condition signals on said monitor;
assessing detectability of said first set of lighting condition signals according to a set of discrete detectability levels;
positioning a second camera such that said image of said first target is displayed on said monitor substantially within said at least one default image parameter;
varying said lighting condition receivable by said second camera, thereby generating a second set of lighting condition signals;
receiving said second set of lighting condition signals in said second camera;
displaying said second set of lighting condition signals on said monitor;
assessing detectability of said second set of lighting condition signals according to said set of discrete detectability levels; and
calculating statistical variance between said first camera and said second camera.

- [c16] The method of claim 15 wherein varying said lighting condition comprises progressively blocking a first light source with a glare shield.
- [c17] The method of claim 15 wherein varying said lighting condition comprises varying intensity of a spotlight directed toward said first target.
- [c18] The method of claim 15 wherein varying said lighting condition comprises progressively blocking a first light source with a glare shield.
- [c19] The method of claim 15 wherein varying said lighting condition comprises varying intensity of a spotlight directed toward said first target.